

4<sup>th</sup> Generation- Flexible, Breathable, high elongation and weatherability

## USES

- Can be used as a durable and flexible coating for roofs.
- Can be used directly over bitumen / Asphalt surface for its protection and repair.
- Can be used directly to protect asbestos
- For trafficable area a coat of Protekta 400 Spl modified mortar can be laid over it.
- Depending on the requirement any flexible slurry can be coated over it.

## PROPERTIES

- Excellent water vapour permeability, but totally waterproof at the same.
- Resistant to weathering
- Does not block pores and capillaries and allows normal breathing of the building.
- Most effective and useful product in protecting and repairs of roofs and other substrates where contraction and expansion possess problems.
- Very effective in repairing cracks using technique where a very special gauge is sandwiched between the 2 layers of Flexphalt
- The membrane blocks U.V. light and it is U.V. resistant
- It can withstand positive and negative hydrostatic pressure.

## DESCRIPTION

Protekta Flexphalt is a novel co-polymer with functional groups provides cross-linking between the polymers, block UV light. The selective combination of hard polymer and a soft polymer gives highly

desirable combination of flexibility and mobile phase blocking.

## TECHNICAL DATA

- Appearance : White semi solid
- Solid content % : 57± 1
- Viscosity at 23°C mPa.s : 200-320
- pH value : 7-9
- Mass density g/cm<sup>3</sup> : ca. 1.03
- Elongation % : 38
- Tensile Strength (PSI) : 527
- Average particle size µm : ca. -6
- Resistance to aging : Good
- Resistance to light : Good

## APPLICATION

1. Can be used directly on Bitumen/Asphalt- brush Coating
2. Can be used directly on Asbestos-brush Coating
3. Coating for Flat Roof - sandwiched with very special gauge brush coating
4. Basement /below grade tanking system -brush coating
5. Repairs of cracks/surfaces -Normal procedure

**COVERAGE:** 15-20 sq. ft.

Resin Type	Alkali Resistance	Water Resistance	Flexibility	Breathability	UV Resistance	Carbonation Resistance	Cl and So <sub>4</sub> Resistance
Alkyd	No	Yes	Yes	Yes	Yes	No	No
Vinyl	No	No	Yes	Yes	Yes	No	No
Styrene Copolymers	Yes	Yes	No	Yes	Yes	No	No
Chlorinated rubber	Yes	Yes	No	No	No	No	No
Pure aliphatic acrylate	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Polyurethanes	Yes	Yes	No	No	Yes	No	No
Epoxies	Yes	Yes	No	No	No	No	Yes
<b>Protekta Flexphalt</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

**SHELF LIFE:** 6 months in a closed uncontaminated container and should be used before the use-by-date printed on the container. However if the product is passed its used-by-date it is not necessarily unusable. A quality control should be performed on the properties

relevant to the application or otherwise contact the manufacturer for further advice

**STORAGE:** To be stored in closed containers in a cool place and prevent from extremes of heat

**HEALTH & SAFETY:** Non-Hazardous, Non-toxic, Non-flammable

#### **IMPORTANT NOTE**

Protekta products are non-hazardous when properly handled, stored and applied. When handling suitable protective clothing should be worn. The materials should not be ingested, inhaled or make skin contact. MSDS are available.

#### **WARRANTY:**

The information given in this data sheet is based on many years of experience and is correct to the best of our knowledge and should be used only as a guide. Tech Dry (India) Pvt Ltd reserves the right to alter certain product parameters within the spectrum of properties in order to keep abreast of technical advances. The information in this document is based on the present state of our knowledge and is applicable to the product. Tech Dry (India) Pvt Ltd is responsible for the quality of the product at the time of despatch but is not responsible for its quality after subsequent storage, handling and application. Neither Tech Dry (India) Pvt Ltd nor its associated companies shall be held liable for any damage resulting from the handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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